

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masaki HIRAKATA, Kentaro KISHI, Kazunori
ANAZAWA, Hiroyuki WATANABE and Masaaki
SHIMIZU

Application No.: New U.S. Patent Application

Filed: September 8, 2003

Docket No.: 117045

For: MANUFACTURING APPARATUS FOR CARBON NANOTUBE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

Respectfully submitted,



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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 117045		APPLICATION NO. New U.S. Patent Application	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Masaki HIRAKATA, Kentaro KISHI, Kazunori ANAZAWA, Hiroyuki WATANABE and Masaaki SHIMIZU			
				FILING DATE September 8, 2003		GROUP	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	A. Thess et al., "Crystalline Ropes of Metallic Carbon Nanotubes," <u>Science</u> , Vol. 273, pp. 483-487, July 1996.
	K. Anazawa et al., "High-purity Carbon Nanotubes Synthesis Method by an Arc Discharging in Magnetic Field," <u>Applied Physics Letters</u> , Vol. 81, No. 4, pp. 739-741, July 2002.

EXAMINER	DATE CONSIDERED
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: September 8, 2003